

## Top Ten Highest Historical Crests: North Branch Susquehanna River at Owego

Latitude: 42.1

Period of Record: 1936-Present

Longitude: -76.26

Flood Stage: 30

Last Flood: 9/8/2011

Total Number of Floods: 7

Date of Flood	Crest (ft)	Streamflow (cfs)	Wx Comments
9/8/2011	39.62	159,000	The remnants of tropical storm (TS) Lee moved up the Appalachian Mountains and interacted with a quasi-stationary east-west frontal boundary. 10 to 15 inches fell at numerous locations in Central PA and NY.
6/29/2006	35.90	127,000	A stationary front and thunderstorms brought widespread, but locally heavy rainfall to the area. Total precipitation amounts ranged from 4-6 inches over the Lower Delaware to 9-11 inches over the headwaters of the James.
4/3/2005	33.15	106,000	A Maddox Synoptic Type system produced 1-2.5 inches of rainfall over the North Branch Susquehanna and Lower Potomac, and 2-4 inches of rain over New Jersey and Pennsylvania.
1/20/1996	32.97	81,400	Southerly winds, high dewpoints and intense rainfall caused a rapid snowmelt. The resultant flooding was the worst to hit the entire MARFC area since 1972.
4/11/1993	31.97	76,300	Snowmelt and rain caused flooding problems in New York.
9/18/2004	31.04	89,800	The remnants of Hurricane Ivan, combined with a cold front, produced an average rainfall amount of 2-4 inches in NY, 3-7 inches in PA, 1-3.5 inches in NJ and 2 inches in WV.
3/18/1936	-9999.00	112,000	Two successive rainstorms combined with snowmelt flooded the Eastern Seaboard from Virginia to Maine. A total of 150 to 200 lives were lost and damage estimates were over \$1 million.

Drainage Area: 4216 sq mi

Gage Datum: 776.44 ft MSL

North Branch Susquehanna Basin

County of Gage: Tioga

County of Forecast Point: Tioga